



12-27-00

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NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 22620/1280

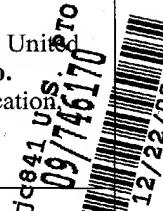
CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. **EL591997658US** on this date, **December 22, 2000**, postage prepaid, in an envelope addressed to Box: Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper



Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Jonathan Karn & Stephen Walker

Title of Invention: **METHODS AND COMPOSITIONS UTILIZING HEPATITIS C VIRUS MOLECULES**

Type: New
 Continuation _____
 Continuation-in-Part _____
 Divisional _____

and includes the following papers:

1. Specification 48 pages (including specification, claims, abstract)/82 claims (4 independent)
2. Declaration/Power of Attorney is:
 attached executed unexecuted
 NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. 8 Distinct sheets of Formal Informal Drawings
4. Preliminary Amendment.
5. Information Disclosure Statement
 Form 1449
 A copy of each cited prior art reference
6. Assignment with Recordation Cover Sheet.
7. Priority is hereby claimed under 35 U.S.C. § 119(e) based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
United States	60/171,804	22 December 1999

8. Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)

9. Priority document(s).

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10. Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
11. Microfiche Computer Program (Appendix).
12. Nucleotide and/or Amino Acid Sequence Submission.
 - Computer Readable Copy.
 - Paper Copy (identical to computer copy).
 - Statement verifying identity of above copies.

13. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$710.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	82	62	\$18.00	1,116.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	4	1	\$80.00	80.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))		Y	\$270.00	270.00
Subtotal - Filing Fee Due				
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)			MULTIPLY BY 0.50	1,088.00
TOTAL FILING FEE DUE				
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	
GRAND TOTAL DUE				\$1,088.00

14. PAYMENT is:

not included, but deferred under 37 C.F.R. § 1.53(f).

15. All correspondence for the attached application should be directed to:

KATHLEEN M. WILLIAMS, PH.D
Palmer & Dodge, LLP
One Beacon Street
Boston, MA 02108
Telephone: (617) 573-0100
Facsimile: (617) 227-4420

16. Other: _____

Respectfully submitted,

Date: December 22, 2000

By:



Name: Kathleen M. Williams
Registration No.: 34,380

A Docket No.: 22620/1280

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Karn et al.

Serial No: Not Assigned Yet

Filed: Concurrent Herewith

Entitled: "METHODS AND COMPOSITIONS UTILIZING HEPATITIS C VIRUS MOLECULES"

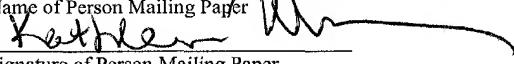
jc841 U.S. PTO
09/746170
12/22/00

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Kathleen Madden Williams

Name of Person Mailing Paper


Signature of Person Mailing Paper

Box: Patent Application
Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application Specification, (48 pages);
3. (8) sheets of informal drawings;
4. Unexecuted Declaration and Power of Attorney; and
5. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

Respectfully submitted,

Date: December 22, 2000


Name: Kathleen M. Williams
Registration No.: 34,380
PALMER AND DODGE, LLP
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Boston, MA 02109-3190
Telephone No: (617) 573-0100